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Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 41148  
Application ID: 09844717  
Title of Invention: DATABASE SECURITY  
First Named Inventor: Arun Shah  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2001-04-27  
Effective Receipt Date: 2003-05-29  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 9551  
Attorney Docket Number: NONE



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JUN 03 2003  
Technology Center 2100

Total Fees Authorized: 180.0  
Payment Category: Deposit Account  
Deposit Account Number: 130480  
Deposit Account Name: Brian C. McCormack  
Access Code: \*\*\*\*  
RAM Payment Status: RAM success  
RAM User ID: EFSPROD  
RAM Accounting Date: 2003-05-29  
RAM Sequence Number: 23

Digital Certificate Holder: cn=Brian Charles McCormack,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: ca642cba30ce4b0774b87a9dfe4e8539815cac46

**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

| <b>Title of<br/>Invention</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>DATABASE SECURITY</b>                                 |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-------------------------------|----------------------------------------------------------|------------------|------------------------------------------------|---------------------------|-------------------------|--|------------------|--------|--------------------|--|------------|--|------------|
| <table><tr><td>Application Number: 09/844717</td><td rowspan="4"><b>RECEIVED</b><br/>JUN 03 2003<br/>Technology Center 2100</td></tr><tr><td>Date: 2001-04-27</td></tr><tr><td>First Named Applicant: Arun Shah</td></tr><tr><td>Confirmation Number: 9551</td></tr><tr><td colspan="2">Attorney Docket Number:</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                          | Application Number: 09/844717 | <b>RECEIVED</b><br>JUN 03 2003<br>Technology Center 2100 | Date: 2001-04-27 | First Named Applicant: Arun Shah               | Confirmation Number: 9551 | Attorney Docket Number: |  |                  |        |                    |  |            |  |            |
| Application Number: 09/844717                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>RECEIVED</b><br>JUN 03 2003<br>Technology Center 2100 |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| Date: 2001-04-27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| First Named Applicant: Arun Shah                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                          |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| Confirmation Number: 9551                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                          |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| Attorney Docket Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                          |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Brian C. McCormack<br/>Registered Number: 36601</td><td>Brian C. McCormack</td><td>Attorney</td></tr></tbody></table> |                                                          | Submitted by:                 | Elec. Sign.                                              | Sign. Capacity   | Brian C. McCormack<br>Registered Number: 36601 | Brian C. McCormack        | Attorney                |  |                  |        |                    |  |            |  |            |
| Submitted by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Elec. Sign.                                              | Sign. Capacity                |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| Brian C. McCormack<br>Registered Number: 36601                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Brian C. McCormack                                       | Attorney                      |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-fee-sheet</td><td>Brio714-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr><tr><td>us-ids</td><td>Brio714-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                          | Documents being submitted     | Files                                                    | us-fee-sheet     | Brio714-usfees.xml                             |                           | us-fee-sheet.xsl        |  | us-fee-sheet.dtd | us-ids | Brio714-usidst.xml |  | us-ids.dtd |  | us-ids.xsl |
| Documents being submitted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Files                                                    |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
| us-fee-sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Brio714-usfees.xml                                       |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | us-fee-sheet.xsl                                         |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
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| us-ids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Brio714-usidst.xml                                       |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | us-ids.dtd                                               |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | us-ids.xsl                                               |                               |                                                          |                  |                                                |                           |                         |  |                  |        |                    |  |            |  |            |

## Comments

This Information Disclosure Statement is being filed electronically prior to the receipt of the first office action. Applicants do not believe that any fees are due at this time. Applicants believe that the fee in the amount of \$180 being charged for this electronic submission is in error. Applicants respectfully request that this charge be reviewed prior to withdrawal from the deposit account. However, the Commissioner is hereby authorized to withdraw the fee if required.

**FEE TRANSMITTAL**

Electronic Version v08  
Stylesheet Version v08.0

| <b>Title of<br/>Invention</b>                                                                                                                                                                                                                                                                                                                | <b>DATABASE SECURITY</b> |                 |             |           |             |                                               |      |     |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|-------------|-----------|-------------|-----------------------------------------------|------|-----|-----|
| <p>Application Number: 09/844717<br/>Date: 2001-04-27<br/>First Named Applicant: Arun Shah<br/>Attorney Docket Number:<br/>Art Unit: 2131</p> <p style="text-align: right;"><b>RECEIVED</b><br/>JUN 03 2003<br/>Technology Center 2100</p>                                                                                                   |                          |                 |             |           |             |                                               |      |     |     |
| <b>TOTAL FEE AUTHORIZED \$180</b><br><br>Patent fees are subject to annual revisions on or about October 1st of each year.                                                                                                                                                                                                                   |                          |                 |             |           |             |                                               |      |     |     |
| <b>BASIC FILING FEE</b>                                                                                                                                                                                                                                                                                                                      |                          |                 |             |           |             |                                               |      |     |     |
| <table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>                                                                                         |                          | Fee Description | Fee Code    | Amount \$ | Fee Paid \$ | Submission Of Information Disclosure Stmt Fee | 1806 | 180 | 180 |
| Fee Description                                                                                                                                                                                                                                                                                                                              | Fee Code                 | Amount \$       | Fee Paid \$ |           |             |                                               |      |     |     |
| Submission Of Information Disclosure Stmt Fee                                                                                                                                                                                                                                                                                                | 1806                     | 180             | 180         |           |             |                                               |      |     |     |
| <b>AUTHORIZED BILLING INFORMATION</b><br>The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:<br>Deposit account number: 130480<br>Access Code *****<br>Deposit name: BakerMcKenzie<br>Deposit authorized name: Brian C. McCormack<br>Signature: Brian C. McCormack<br>Date (YYYYMMDD): 2003-05-28 |                          |                 |             |           |             |                                               |      |     |     |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of  
Invention

DATABASE SECURITY

Application Number: 09/844717

Confirmation Number: 9551

First Named Applicant: Arun Shah

Attorney Docket Number:

Art Unit: 2131

Search string: ( 6163774 or 6282544 or 6493699 or 6505205  
or 6161103 or 6199063 or 6212515 or 6377993  
or 6385604 or 6480836 or 6484179 or 6542895  
or 6556983 or 6366922 ).pn.

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Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee       | Kind | Class | Subclass |
|------|----------|------------|------------|----------------|------|-------|----------|
|      | 1        | 6163774    | 2000-12-19 | Lore et al.    |      |       |          |
|      | 2        | 6282544    | 2001-08-28 | Tse et al.     |      |       |          |
|      | 3        | 6493699    | 2002-08-27 | Silverbrook    |      |       |          |
|      | 4        | 6505205    | 2003-01-07 | Kothuri et al. |      |       |          |
|      | 5        | 6161103    | 2000-12-12 | Rauer et al.   |      |       |          |
|      | 6        | 6199063    | 2001-03-06 | Colby et al.   |      |       |          |
|      | 7        | 6212515    | 2001-04-03 | Rogers         |      |       |          |
|      | 8        | 6377993    | 2002-04-23 | Brandt et al.  |      |       |          |

|  |    |         |            |                   |
|--|----|---------|------------|-------------------|
|  | 9  | 6385604 | 2002-05-07 | Bakalash et al.   |
|  | 10 | 6480836 | 2002-11-12 | Colby et al.      |
|  | 11 | 6484179 | 2002-11-19 | Roccaforte        |
|  | 12 | 6542895 | 2003-04-01 | DeKimpe et al.    |
|  | 13 | 6556983 | 2003-04-29 | Alstchuler et al. |
|  | 14 | 6366922 | 2002-04-02 | Althoff           |

**Signature**

|                      |             |
|----------------------|-------------|
| <b>Examiner Name</b> | <b>Date</b> |
|                      |             |